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ABSTRACT

The present invention pertains to the minimisation of calibration problems of glucose sensors. Accordingly, the invention provides a method of improving the performance of a
5 ROS producing glucose sensor, said method comprising providing the glucose sensor with a ROS removing compartment capable of reducing the diffusion of ROS out of the glucose sensor to a level at which biointerference is abolished or substantially reduced. The invention further relates to use of a ROS removing compartment in a ROS producing glucose, a ROS producing glucose sensor comprising a ROS removing compartment, and to
10 the use of such a sensor in a human.